

Title (en)

AUTOMATIC MACHINE FOR PROVIDING CORRUGATED SHEET-LIKE ELEMENTS

Title (de)

AUTOMATISCHE MASCHINE ZUR HERSTELLUNG VON GEWELLTEM BAHNMATERIAL

Title (fr)

MACHINE AUTOMATIQUE DE PRODUCTION D'ELEMENTS DE TYPE FEUILLE ONDULEE

Publication

EP 3129219 A1 20170215 (EN)

Application

EP 15714191 A 20150330

Priority

- IT MI20140650 A 20140408
- EP 2015056915 W 20150330

Abstract (en)

[origin: WO2015155051A1] An automatic machine (1) for providing corrugated sheet-like elements, comprising means (3) for the continuous corrugation of a ribbon (5) in motion in a longitudinal direction, wherein the corrugation means (3) comprise an upper conveyor (7) and a lower conveyor (9); the upper conveyor (7) comprises a plurality of upper abutment elements (70) that are extended substantially transversely to the longitudinal direction of motion of the ribbon (5); the lower conveyor (9) comprises a plurality of lower abutment elements (90) that are extended substantially transversely to the longitudinal direction of motion of the ribbon (5); the upper abutment elements (70) are intercalated between the lower abutment elements (90) in a work area (11); the upper abutment elements (70) each comprise a flap (71, 91), which has, in the end (73) adapted to make contact with the ribbon (5), at least one portion that comprises grip means (75, 77, 770).

IPC 8 full level

B31F 1/29 (2006.01); **B31F 1/30** (2006.01)

CPC (source: EP US)

B29C 53/005 (2013.01 - US); **B29C 53/24** (2013.01 - US); **B29C 65/10** (2013.01 - US); **B29C 65/48** (2013.01 - US); **B31F 1/29** (2013.01 - EP US); **B31F 1/305** (2013.01 - EP US); **B32B 3/28** (2013.01 - US); **B32B 27/32** (2013.01 - US); **B32B 37/06** (2013.01 - US); **B32B 37/12** (2013.01 - US); **B29K 2023/06** (2013.01 - US); **B29K 2105/04** (2013.01 - US); **B32B 2305/02** (2013.01 - US); **B32B 2323/04** (2013.01 - US)

Citation (search report)

See references of WO 2015155051A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2015155051 A1 20151015; DK 3129219 T3 20200727; EP 3129219 A1 20170215; EP 3129219 B1 20200422; ES 2806774 T3 20210218; HR P20201133 T1 20201030; HU E051425 T2 20210301; PL 3129219 T3 20201102; RS 60505 B1 20200831; SI 3129219 T1 20201030; US 10265921 B2 20190423; US 2017036411 A1 20170209

DOCDB simple family (application)

EP 2015056915 W 20150330; DK 15714191 T 20150330; EP 15714191 A 20150330; ES 15714191 T 20150330; HR P20201133 T 20200717; HU E15714191 A 20150330; PL 15714191 T 20150330; RS P20200815 A 20150330; SI 201531293 T 20150330; US 201515303227 A 20150330